



Docket No.: 281159US40PCT

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

RE: Application Serial No.: 10/558,710

Applicants: Takehiro MORIYA, et al.

Filing Date: November 29, 2005

For: FLOATING POINT SIGNAL REVERSIBLE
ENCODING METHOD, DECODING METHOD,
DEVICE THEREOF, PROGRAM AND RECORDING
MEDIUM THEREOF

Group Art Unit: 2819

Examiner: LAUTURE, JOSEPH J.

SIR:

Attached hereto for filing are the following papers:

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Our credit card payment form in the amount of **\$0.00** is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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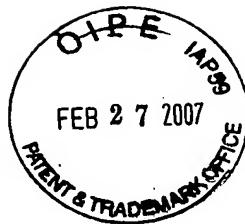
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DOCKET NO: 281159US40PCT



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

TAKEHIRO MORIYA, ET AL.

: EXAMINER: LAUTURE, JOSEPH J

SERIAL NO: 10/558,710

: GROUP ART UNIT: 2819

FILED: NOVEMBER 29, 2005

FOR: FLOATING POINT SIGNAL
REVERSIBLE ENCODING METHOD,
DECODING METHOD, DEVICE
THEREOF, PROGRAM AND
RECORDING MEDIUM THEREOF

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicants submit the following comments on the Statements of Reasons for Allowance provided with the Notice of Allowance of December 12, 2006.

The Notice of Allowance of December 12, 2006, sets forth the following Statement of Reasons for Allowance:

The following is an examiner's statement of reasons for allowance: the prior art of record fails to teach a lossless coding apparatus and method for a signal in a floating-point format, the method comprising inter alia separating a first input signal in the floating-point format into an integer value and an error, and losslessly compression-coding the integer value and the error using a first coding means; losslessly compression-coding the first input signal in the floating-point format using a second coding means; producing a difference in the floating-point format that corresponds to the difference between a signal in the integer format and the first signal in the floating-point format; and, determining which of the first coding means and the second coding means provides a higher compression efficiency; selecting the coding means that provides the higher compression efficiency; and, producing an auxiliary code carrying information about the selection result.

As above, the Statement of Reasons for Allowance indicates that the claims are allowable because the prior art does not teach or suggest a lossless coding apparatus and method having various features, referring to various features recited in various independent claims. However, none of the features described are recited in independent Claims 10, 12, 16 and 17 of the present application. Thus, the Applicants submit that this statement is not applicable to Claims 10, 12, 16 and 17, and the claims dependent thereon.

Respectfully submitted,

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